

Technical Analysis and Findings

Utah Coal Regulatory Program

PID: C0150032
TaskID: 4697
Mine Name: CRANDALL CANYON MINE
Title: ISOTOPIC INFORMATION

Operation Plan

Hydrologic Ground Water Monitoring

Analysis:

The amendment meets the Hydrologic Ground Water Monitoring requirements of the State of Utah R645 rules. During the review of Task #4639, isotopic data collection language was inadvertently deleted from Table 7-4a, Mine-Water Discharge Analysis List. Tritium, carbon-14, deuterium and oxygen-18 sampling was added to the approved Mining and Reclamation Plan (MRP) per Task #4206 (approved February 1st, 2013). The samples are to be collected during the 2nd and 4th quarters until permit renewal in 2018. At that point, the Permittee and Division will evaluate whether these parameters are still necessary to evaluate the Crandall Canyon mine-water discharge.

The missing isotopic laboratory measurement language has been reestablished in Table 7-4a.

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